PRELIMINARYBORING LOG

BL/	/CK	8	VE/	ATC	H				E	BOR	ING LOG				SHEET 1 OF 4
CLIE							***************************************	~~~~~			PROJECT				PROJECT NO.
Sou	ith F	orid	a W	ater	Man	ager	nent	Dis	trict		EAA Reserv	oir A-1			140297.0213
	JEC1						1		DINATI		=======================================	GROUND EL		N (DATUM)	TOTAL DEPTH
Eve	rglad	ies.	<u> Flor</u>	ida ONS			<u> </u>	174	<u>4079.1</u>	<u> </u>	E 761396.3	Not Surve	/ed DATE S	TADT	100.0 (ft) DATE FINISHED
												•	02/10/		02/11/2005
SIII	opeo		MPL:				LOG	GEE	BY		CHECKE	D BY	102/10/	APPROVED	
						≿			loist	7					_,
SAMPLE TYPE	SAMPLE NUMBER	SET 6 INCHES	2ND NCHE	3RD 6 INCHES	N VALUE	SAMPLE RECOVERY				/ N		· . · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
			ORIN	<u> </u>	L	<u> </u>		TYPE	5	ŏ	CI ACCIEI	ATION OF MA	TEDIAL	2	REMARKS
CORE SIZE	RUN NUMBER	RUN LENGTH C		ROD 6	PERCENT RECOVERY	ROD	DEPTH (FEET)	SAMPLET	ELEVATION (FEET)	GRAPHIC LOG			TENAL		
							0				Fill and residual mu	ck			Cored caprock
2.5	1	5.5'	2.1'	0.7'	38	13	2-	meddenningen einer verde overgrene einer den eine oder den den der den der den der den den den den den den den			LIMESTONE; light l grained, shelly, vug soft, weak and porc	gy, dense, ha			
SPT	1	4	36	15	50+	1.2'	6- 8-				Gravelly SAND; ver wet, angular, calciti shells				All calcitic material is at lead in part shell fragments.
SPT	2	4	16	50	50+	0.8'	10-				Silty GRAVEL; whit calcitic and Gravelly	e, medium de / SAND as ab	nse, wet	angular,	
SPT	3	13	4	15	19	1,1	12-	X			Silty SAND; pale br medium grained, w angular gravel			ine to	C03 = 78.6%
SPT	4	4	18	50/5	50+	4	14-				Silty SAND become	s very dense			
SPT	5	10	8	36	44	0.9'	18 - 20 -				Silty SAND become	s dense			
SPT	6	50			50+	0'	24 -				No recovery; proba	oly LIMESTO!	NE	23.5°- 25.0°-	Spoon bouncing drill rattling slow drilling
SPT	7	16	21	17	38	0.9'	28 -				SAND; pale greenis grained, quartzose,				Caloosahatchee Formation

PRELIMINARYBORING LOG

3L/	/CK	8	VE/	ATC	H				Ē	BOR	ING LOG			SHEET 2 OF
CLIE									*********		PROJECT			PROJECT NO.
Sou	th F	lorid	a Wa	ater	Man	ager	nent	Dis	trict		EAA Reserv	oir A-1		140297.0213
PRO	JECT	LOC	ATIC	N			C	OOR	DINATI	ES		GROUND EL	EVATION (DATUM)	TOTAL DEPTH
Eve	rgla	des,	Flor	ida ONS			N	774	4079.1		E 761396.3	Not Surve	<u>ved</u>	100.0 (ft)
													DATE START	DATE FINISHED
Strip	opec	Ca					1						02/10/2005	02/11/2005
			MPLI			- S	LOG				CHECKE) BY	APPROVED	BY
SAMPLE	SAMPLE	SET 6 INCHES	유 무	3RD 6 INCHES	Щ	SAMPLE RECOVERY	NOF	m F	lolst				<u></u>	T
3 2	A S	SE	불호	움증	VALUE	30			Ш					
ชิโ	SZ	9	9	9	>	SÄ	E	m		တ္က				
		С	ORIN	G			DEPTH (FEET)	TYPE	ELEVATION (FEET)	GRAPHIC LOG	CLASSIFIC	ATION OF MA	TERIALS	REMARKS
	ĸ	Ξ	RUN RECOVERY	RQD	PERCENT RECOVERY		<u> </u>	ш	Ĕ	呈				
유밀	RUN NUMBER	RUN LENGTH	38	88		ROD	Ē	SAMPLE	☆	ΑP				
Ωø	윤	ᄶᇳ	αÿ	le Ü	[Œ.	E	SA	ᇳ	<u>8</u>				
			DX.	<u> </u>	- 02	 	30			Tallia.	shell fragments and	silt		
							١.				3			
- 1														
							32 ~							
						}]				CAND	b	um danas wet fine	CO2 - 22 20/
SPT	8	12	14	14	28	1.3'	34 -				SAND; pale greenis grained, quartzose,		un dense, wet, fine	C03 = 23.3% SAND with Silt
" "	U	12	1-9	'-	20	,	1				grameu, quarizuse,	SUDIOUIUEU		Grand With Oil
]														
							36 -							
														-
							38 -							
											SAND; as above but	t with a trace	fine, angular,	
SPT	9	10	7	14	21	1.1'					calcitic gravel			
						ŀ	40 -							
					ĺ						-			
						ŀ	42							
-														
							1							
-17	40	,	,	F		4 =1	44				SAND; pale greenis			
PT	10	3	3	5	8	1.5'					grained, quartzose, fragments	subrourided,	trace siit and shell	
ĺ											nagments			
						***************************************	46 -							
ŀ														
							48 -							
ŀ								\vdash			SAND; pale greenis	h grav. dense	e, wet mostly fine	
PT	11	21	16	15	31	1.1'					grained, quartzose			
1					ĺ		50 -				to coarse grained, a	ngular, and c	alcitic (shell	
						{					fragments) trace fin-			
							-							
						***************************************	52 -							
							""						,	
7													<u></u>	
Ì							54				Sandy GRAVEL; pa	le greenish g	- — — — — —53.5 ⁴ rav. medium dense	SAND with Silt
SPT	12	10	8	4	12	0.7'	J4 ~				wet, angular, calcition	c. with similar	medium to coarse	and Gravel
							-				sand fraction and so			
							E.	***************************************			sand, trace silt		•	
							56 ~							
l														
							ا ہے ا			7,3				
- 1			Ì				58 -			1.5				
- 1						l l		\			Silty SAND; pale gre	onich arov l	udean tour	
SPT	13	6	4	4	8	0.9'	1	. .		1.22.71.	medium to coarse g			

5/18/2005 3:39 PM EAA Reservoir A-1

PRELIMINARYBORING LOG

	ACH	(&	VE/	ATC	出				E	3OR	ING LOG				SHEET 3 OF 4
1	ENT										PROJECT				PROJECT NO.
So	uth F	lorid	a W	ater	Man	ager					EAA Reserv	oir A-1			140297.0213
							t		DINAT		= 704000 O	GROUND ELE		N (DATUM)	TOTAL DEPTH
EV	ergla RFAC	<u>aes.</u>	FIOR	lda			LN	1/	4079.1	<u> </u>	E 761396.3	Not Survey		START	100.0 (ft) DATE FINISHED
1	ipped													/2005	02/11/2005
Su	ipped		MPL				LOG	GE	BY		CHECKE	D BY	02/10	APPROVED	
111	ni oʻ	Т			T	≿			loist						
SAMPLE	SAMPLE	SET	2ND 6 INCHES	ᇢ뿧	VALUE	SAMPLE RECOVERY								!	-
₹	Z S	S Z	A Z	15 Z	\ \ \ \ \ \ \	SAN			Ш	4B					
-	L., _		ORIN	4	<u> </u>	, E		£.	9	ŏ	CI ACCIPIO	ATION OF MAT		•	DEMARKO
	~	~~~~~~~~	UKIN E	<u>.</u> ≻	TΞΞ	T	БЕРТН (FEET)	SAMPLE TYPE	ELEVATION (FEET)	GRAPHIC LOG	CLASSIFIC	ATION OF MAI	CKIAL	3	REMARKS
# H	z ii	ZÉ	z ÿ	وٰٰٰمٰ		۵	Ξ	7	₹	Ŧ					THE PARTY AND TH
CORE	RUN	RUN	RUN	RQD RECOVERY	PERCENT RECOVERY	RQD	E E	Σ	Ē	\X					***
ļ		ļ	2	2	교문		 60	S	Ш	O Barrier					<u> </u>
							00				calcitic (shell fragme quartzose, and subr				
		***			İ		-				fragments	ounded, nace	ıaıycı	SI ICII	
							62 -				g				
į.					-										
							-							63.5	
ent	14	4	50/3		50+	0.1'	64 -				Probably LIMESTO	VE .		U.,U	apoon bouncing.
371	14	"	100/3		304	0.1				開	•				Drill rattling, slow drilling for about 1
										130				65.0 ^t	ft.
							66 -								
		ļ								200					
										\$0.50					-
							68 -			255					
	1										Gravelly SAND; gre-				
SPT	15	46	29	21	50	0.9'				eg.	angular, well graded				
							70 -			769/2 2:0:3	quartzose sand and	shell fragment	ts in a	calcitic	
										1977 d	matrix, trace silt				
			ŀ				72 ~				' :				
							-			50					
								$\overline{}$		9.69	Gravelly SAND as a	bove but dens	е		SAND with Silt
SPT	16	14	15	15	30	1.1'	74 -						•		and Gravel
İ	}						-								
										5.8853 8.033					
							76 -								
1							-	1							
							78 -	***************************************		\$25.3 0.855					
							,0-			607				· 78.5°	
SPT	17	12	12	14	26	0.7'	1				SAND; greenish gra				ļ
		,					80 -				graded, medium to d				The state of the s
1								***************************************			and fine grained, sul fine, angular gravel l			with trace	
							4	vecena			ungalal glatel	and above			
					ll	***************************************	82 -								
							1							03 61	
			,		ایرا		84 -			- "	Sandy GRAVEL; pal	e greenish ara	y, den	se, angular.	Silty SAND with
SPT	18	15	19	21	40	1.1'				.44	wet, gravel is cemen	ted fine, quart	zose s	and and	Gravel
							1				shell fragments, sar				
							86 -				coarse shell fragmer	nts and fine qu	artzose	sand	
					1		-								
					ŀ	***************************************	1			÷ 守					
1							88 -	-							
			·			•					SAND; like that at 78			————88.5 ¹	
SPT	19	14	14	12	26	1.1'	1				SAND, IIKE BIBL BL / C).0 IL			
L						l	90			1889					

PRELIMINARYBORING LOG

		(&)	VE/	4TC	H				ł	30R	ING LOG	SHEET 4 OF
CLIE			,				•				i i	PROJECT NO.
Sou	ıth F	lorid	a W	ater	Man	ager	nent	Dis	trict		EAA Reservoir A-1	140297.0213
South Florida Water Management District PROJECT LOCATION COORDINATES											GROUND ELEVATION (DATUM)	TOTAL DEPTH
Everglades, Florida N SURFACE CONDITIONS									<u>4079.</u>	1	E 761396.3 Not Surveyed	100.0 (ft)
											t I	DATE FINISHED
Stri	ppec	l Ca					1.00	CE,	BY		02/10/2005 02/10/2005	02/11/2005
		,	MPL	*******	Γ				loist_		CHECKED BT APPROVED B	31
ų Ľ	SAMPLE NUMBER	SET 6 INCHES	2ND INCHES	3RD 6 INCHES	Щ	SAMPLE RECOVERY	INUI	1111				
SAMPLE	AME	S S	돈	뚪	VALUE	COM			Ш			
Ø.	ωŽ		9	ی		S. RE	E	밆	E	ဗ္		
		· · · · · · · · · · · · · · · · · · ·	ORIN	IG _			Ш]	ŏ	Ä	CLASSIFICATION OF MATERIALS	REMARKS
<u>u</u>	RUN NUMBER	RUN	RUN RECOVERY	RQD RECOVERY	PERCENT RECOVERY	_	DEPTH (FEET)	SAMPLE TYPE	ELEVATION (FEET)	GRAPHIC LOG		
CORE	28	2 Z	20	ဗြွင္ပ	58	ROD	<u> </u>	3	4	₹		
.	Z	-3	R		R.F.	1		ŝ	ᇳ	Ō		
							90					
							92-					
		[
							-					
					٠.,		94				SAND; light greenish gray, dense, wet, well graded,	
SPT	20	20	15	15	30	1.1'					fine grained, quartzose, subrounded, and fine to	
							·				coarse grained, angular, calcitic, some silt and fine angular gravel	
							96 -				argaini gratui	
				}								
							-	1				
							98 -					
											SAND; as above	
SPT	21	17	12	16	28	1.5'	"					
				<u> </u>			100 -					
											·	
							102 -					

							104 -	***************************************				
] .					
							106 ~					
										,		
							108 -					
							-					

							110 -	-				
							-				**************************************	
											Annua	
							112 -					
							-					
							444					
							114					

							116			ar-manual reservoir		
							116 -					
					}		1					
							118	****				
							110					
					Į		-					
-		l					120			-		